FUTEK MODEL LSM302 (L2337)

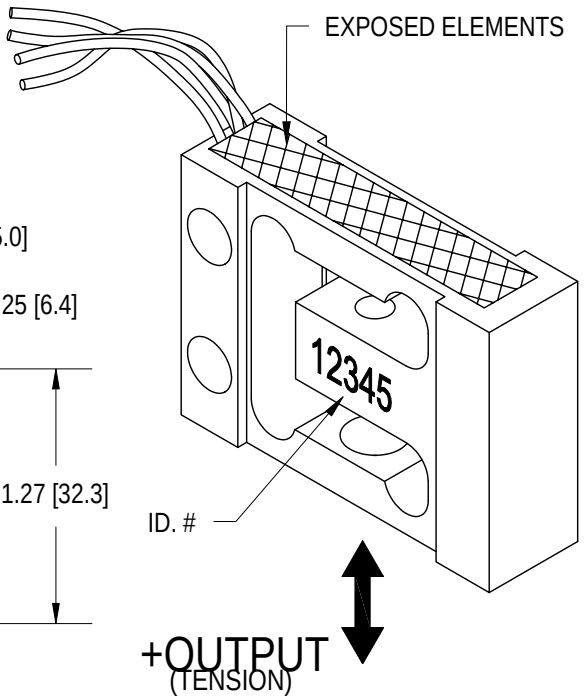
PARALLELOGRAM LOAD CELL
(OEM TYPE)

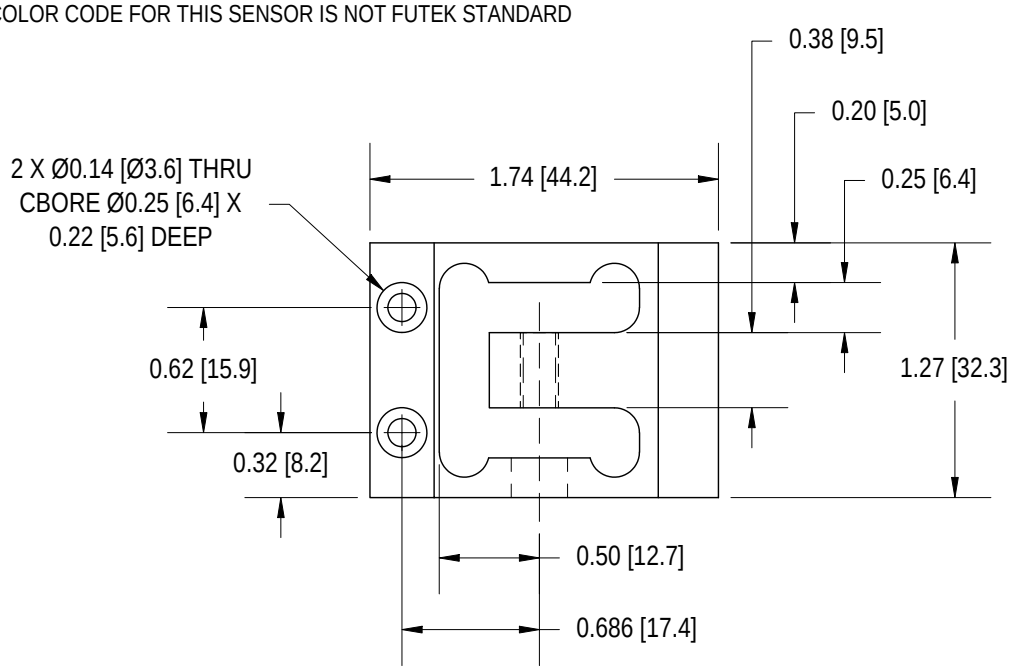
Drawing Number: FI1212-A

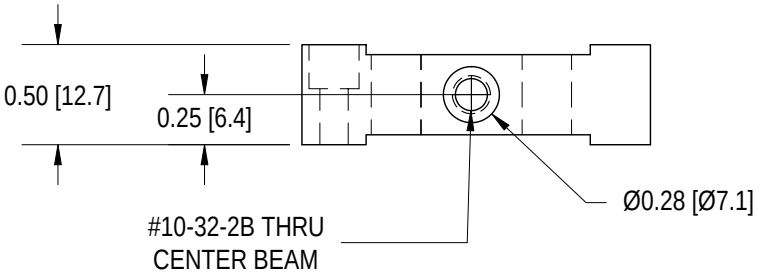
INCH [mm] | R.O.= Rated Output

WIRING CODE (WC2)			
+Excitation	-Excitation	+Signal	-Signal
GREEN	BLACK	WHITE	RED

COLOR CODE FOR THIS SENSOR IS NOT FUTEK STANDARD







FOR LOWER CAPACITIES REFER TO MODEL LSM250 (L2331)

STK#	CAPACITY lb	CAPACITY N	NOM. DEFLECTION
FSH00112	2.2	9.8	0.011 [0.28]
FSH00118	5	22.2	
FSH00114	10	44.5	0.007 [0.18]
FSH00115	25	111	
FSH00116	50	222	
FSH00117	100	445	

FOR MODELS WITH OVERLOAD PROTECTION
REFER TO LSM300 (L2330)

SPECIFICATIONS:

RATED OUTPUT	*2 mV/V nom.*
SAFE OVERLOAD	*150% of R.O.*
ZERO BALANCE	*±3% of R.O.*
EXCITATION (VDC OR VAC)	*18 MAX*
BRIDGE RESISTANCE	*1000 Ω nom.*
NONLINEARITY	*±0.2% of R.O.*
HYSTERESIS	*±0.2% of R.O.*
NONREPEATABILITY	*±0.05% of R.O.*
TEMP. SHIFT ZERO	*±0.02% of R.O./°F [0.036% of R.O./°C]*
TEMP. SHIFT SPAN	*±0.02% of LOAD/°F [0.036% of LOAD/°C]*
COMPENSATED TEMP.	*60 to 160°F [15 to 72°C]*
OPERATING TEMP.	*-60 to 200°F [-50 to 93°C]*
WEIGHT	*1 to 3 oz [28 to 85 g]*
MATERIAL	*Aluminum*
DEFLECTION	*SEE CHART*

CABLE: #29 AWG, 4 Conductor, Spiral Teflon Cable 6 in. [152.4] Long

ACCESSORIES AND RELATED INSTRUMENTS AVAILABLE

CALIBRATION (AVAILABLE)	*5 pt TENSION / COMPRESSION; 150K Ω SHUNT CAL. VALUE*
CALIBRATION TEST EXCITATION	*10 VDC*

FUTEK ADVANCED SENSOR TECHNOLOGY, INC.

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